

TRANSMITTER, COMMUNICATION SYSTEM, AND COMMUNICATION
METHOD

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ABSTRACT OF THE DISCLOSURE

10 A transmitter, a communication system, and a
communication method of the same capable of realizing
communication of more than a set bandwidth with respect
to packet communication with a bandwidth guarantee set
therefor by using the set bandwidth as the minimum
guaranteed bandwidth, wherein when a transmitter
transmits packet data, it decides whether or not packet
communication guarantees a bandwidth based on a
15 guaranteed bandwidth set in advance and, when
guaranteeing the bandwidth, adds a first identifier to
the packet data, while when not guaranteeing the
bandwidth, adds a second identifier to the packet data
and transmits the same to the network and wherein a relay
20 unit connected to the network decides, in accordance with
identifiers registered in advance and guaranteed
bandwidths corresponding to same, whether or not the
received packet data are bandwidth guaranteed, adds the
first or second identifier to the packet data in
25 accordance with the result of the decision, and transfers

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